



# Australian Dental Journal

## Index

**Volume 41, Nos 1-6**

**1996**

**Editorial Board**

STANLEY G. KINGS AM, BDSc DDS FRACDS FICD  
Chairman

JOHN K. HARCOURT OAM, DDS FRACDS FICD FADM  
Editor

KEN F. ADKINS AM, MDSc PhD FRCPATH FRACDS FDSRCS(Eng) FICD

P. MARK BARTOLD, BDS BScDent PhD FRACDS(Perio)

JOHN W. DALE AM, LLB MDS DDS FRACDS FICD

NIHILL H. SOMERS, BA MDS FRACDS

MARTIN J. TYAS, BDS PhD DDSc GradDipHlthSc AFCHSE FADM FICD FRACDS

ROBIN WOODS AM, BDS FRACDS FICD

F. A. CLIVE WRIGHT, MDS PhD

Assistant Editors

AUDREY BARNES BA(Syd)

Production Editor

**Editor Emeritus**

ROBERT HARRIS AM MBE, MDS DDSc FRACDS FDSRCS FACD FICD

A

**ABBOTT PV, MULVAY PG.** See Mulvay PG, Abbott PV.

**ABSCESS, CEREBRAL**  
Renton TF, Danks J, Rosenfeld JV. Cerebral abscess complicating dental treatment. Case report and review of the literature. 12

**ACCESS CAVITY**  
Mulvay PG, Abbott PV. The effect of endodontic access cavity preparation and subsequent restorative procedures on molar crown retention. 134

**ACCIDENT SEQUELAE**  
McNamara DC, Rosenberg I, Jackson PA, Hogben J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

**ACTIVATORS**  
Woods MG. The use of a simple functional appliance as an adjunct to fixed appliance orthodontic treatment. Case reports. 221

**ACUPUNCTURE**  
Rosted P. The use of acupuncture in dentistry. (Letter to the Editor.) 61

**ADDENDUM**  
Aust Dent J 1996;41(5):293. Author's address. 412

**ADHESION**  
Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

**ADHESION MOLECULES**  
Walsh LJ, Coyne RM, Xu LJ, Savage NW. The role of adhesion molecules on oral cancer. 80

**AFONSO F, GOTJAMANOS T.** An *in vitro* study of the distribution of silver and fluoride following application of 40 per cent silver fluoride solution to dentine. 388

**AKDOĞANLI T, YAVUZILMAZ E, YUMAK Ö, YAMALIK N, ÖZER N, ERSOY F, YENİAY İ.** See Yavuzylimaz E, Yumak Ö, Akdoganlı T, Yamalik N, Özer N, Ersøy F, Yeniyay İ.

**ALLISTER JH, SPENCER AJ, BRENNAN DS.** Provision of orthodontic care to adolescents in South Australia: The type, the provider and the place of treatment. 405

**ANATOMICAL CONSIDERATIONS**  
Bridgeman A, Wiesenfeld D, Newland S. Anatomical considerations in the diagnosis and management of acute maxillofacial bacterial infections. 238

**ANIL S, SMARANAYAKE LP, NAIR RG, BEENA VT.** Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

**ANOMALIES, DENTAL**  
Cameron J, Sampson WJ. Hypodontia of the permanent dentition. Case reports. 1

**APNOEA**  
Miles PG, Nimkarn Y, De Leeuw BJ. Dentistry's role in obstructive sleep apnoea. Review and case report. 248

**APPLIANCES, DENTAL**  
Miles PG, Nimkarn Y, De Leeuw BJ. Dentistry's role in obstructive sleep apnoea. Review and case report. 248

**ARTHROCENTESIS**  
Dimitroulis G, Dolwick MF. Temporomandibular disorders. Part 3. Surgical treatment. 16

**ARTHROSCOPIC SURGERY**  
Dimitroulis G, Dolwick MF. Temporomandibular disorders. Part 3. Surgical treatment. 16

**Arthroscopy**  
surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

**ARTHROSCOPY**  
Dimitroulis G, Dolwick MF. Temporomandibular disorders. Part 3. Surgical treatment. 16

**ASCORBIC ACID**  
Ellender G, Gazelakis T. Growth and bone remodelling in a scorbutic rat model. 97

**ASSOCIATIONS, COUNCILS, SOCIETIES**  
(See separate listing for Australian Dental Association)

Australian Cleft Palate Association. 148

British Dental Association. 144

FDI World Dental Federation. 150

New Zealand Dental Association. 220

Vietnamese Dental Association. 144

**ATRAUMATIC TECHNIQUE**  
Gotjamanos T. Pulp response in primary teeth with deep residual caries treated with silver fluoride and glass ionomer cement ('atraumatic' technique). 328

**AUSTRALIAN DENTAL ASSOCIATION**  
Federal. 282

*Meritorious Service Award:*  
Sydney Charles Warneke. 282

New South Wales Branch. 65, 214, 282, 357, 412

*Award of Merit:*  
John Ewens Noble OBE ED. 357

Northern Territory Provisional Branch. 64, 142, 214, 290

Queensland Branch. 64, 142, 213, 357, 412

*Meritorious Service Award:*  
D. O'Donoghue. 64

*Award of Merit:*  
M. Lockhart. 64

South Australian Branch. 282

*Life Membership Award:*  
John Francis Irwin. 282

*Distinguished Service Award:*  
Ralph Edward Annells. 282

Keith William Bailey. 282

Frederick Rudolph Henning. 282

Reuben John Myhill. 282

Christopher Malcolm Somerville. 283

*Honorary Membership:*  
W. E. J. (Bill) Ricketts. 283

**ADA List of Certified and Accepted Products 1996** Aust Dent J 1996;41(3). Loose insert.

**Australian Dental Journal**

Addendum. Aust Dent J 1996;41(5):293. 412

Correction. Aust Dent J 1996;41(1):62. 144

Guidelines for Authors. 67

Special Research Issue. Aust Dent J 1996;41(2). 71-150

Referees, January-December 1996. 413

Honours

*Australia Day and Queen's Birthday Honours:*

John Anker AM. 282

Michael Dowsett AM. 142

Ken Franklin OAM. 282

Keith Godfrey AM. 282

Roger Kingsley Hall OAM. 142

Internet

E-mail address. 143, 214, 357

Home Page (WWW site). 214

Obituaries

Peter Charles Brothers OAM. 60

Nancy Lyall Badrock AM. 283

**AUSTRALIAN DENTAL HISTORY**

Pearn J, Phillips G. The life of Henry Jeaneret (1802-1886). Pioneer Australian dentist, With an account of his colonial service and scientific contributions in Australia. 260

**AUSTRALIAN DENTAL JOURNAL**

Addendum. Aust Dent J 1996;41(5):293. 412

Correction. Aust Dent J 1996;41:62. 144

Guidelines for Authors. 67

Special Research Issue. Aust Dent J 1996;41(2). 71-150

Referees, January-December 1996. 413

**AUSTRALIAN DENTAL RESEARCH FUND (now Foundation)**

Special Research Issue *Australian Dental Journal* 1996;41(2). 71

Board of Directors and Research Advisory Committee. 140

Guest editorial. R. W. Hession AM. What Price Research? 141

*Australian Dental Research Fund Project Reports*

Cox SC, Walker DM. Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

Ellender G, Gazelakis T. Growth and bone remodelling in a scorbutic rat model. 97

Firth NA, Reade PC. The prognosis of oral mucosal squamous cell carcinomas: A comparison of clinical and histopathological grading and of laminin and type IV collagen staining. 83

Gemmell E, Bartold PM, Seymour GJ. Establishment of peripheral blood and gingival T lymphocyte clones responsive to *Porphyromonas gingivalis*. 113

Kilpi A, Rich AM, Reade PC, Kontinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

Mount GJ, Makinson OF, Peters MRCB. The strength of autocured and light-cured materials. The shear punch test. 118

Mulvay PG, Abbott PV. The effect of endodontic access cavity preparation and subsequent restorative procedures on molar crown retention. 134

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

Walsh LJ. Split-mouth study of sealant retention with carbon dioxide laser versus acid etch conditioning. 124

Walsh LJ, Coyne RM, Xu LJ, Savage NW. The role of adhesion molecules in oral cancer. 80

Walsh LJ, L'Estrange PR, Seymour GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

Whyte MP, Brockhurst PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

Willcox MDP. Identification and classification of species within the *Streptococcus sanguis* group. 107

**Australian Dental Research Fund Student Scholarships**

Abstracts of Reports. *Australian Dental Journal* 1996;41(4). 265

**Abstract of Reports 1995-96**

Bishop RJ; Winning T (Supervisor). A demonstration of root canal morphology. 265

Cicchini MS; Booth D (Supervisor). A survey of lip and oropharyngeal cancers in Western Australia and New South Wales. 266

Gune S; Dashper SG, Adamson NJ, Reynolds EC (Supervisors). Phosphorylation states of the *Streptococcus mutans* heat-stable protein (Hsp) and their relation to growth conditions. 266

Hall C; Freer TJ (Supervisor). The effect of orthodontic tooth movement on pulp test responses. 267

Harris L; Smid JR (Supervisor). The effect of fluoride on rat enamel glycoproteins. 268

Khan F; Young WG (Supervisor). Discrimination of tooth erosion from bruxism through scanning electron microscope analysis of enamel/dentine contours. 268

Lai KKY; Widmer RP, Hunter N (Supervisors). *In vitro* caries model – rate of lesion progression and effect of silver fluoride. 269

Lam T; Hunter N (Supervisor). Characterization of the action of a vascular disruptive factor from *Porphyromonas gingivalis*. 269

Le THX; Huynh AL, Ngo H, McIntyre JM, Peters MCRB (Supervisors). The effect of different surface treatment on the microleakage behaviour of a shellac fissure sealant. 270

Lovell RE; Au AR (Supervisor). One-year recall of undergraduate cobalt-chromium and titanium removable partial dentures. 270

Matias MA; Haberfield S, Booth D (Supervisors). Facial trauma in female patients: The impact of domestic violence. 271

Messazos B-P; Thomas G (Supervisor). A scanning electron microscope investigation of healing epithelium at the lateral border of the rat tongue. 272

Monk J; Orton V, Booth D (Supervisors). Relationship of serum blood values to xerostomia and *Candida albicans* infections. 272

Quach TTL; Hunter N, Paramasvaran M (Supervisors). Protein profiles of clinical isolates of *Porphyromonas gingivalis*. 273

Robert MJ; Aldred MJ (Supervisor). A molecular biological approach to the study of dentinogenesis imperfecta: Incomplete penetration, variable expression, or spontaneous mutation? 273

Robinson SDM; Doran GA, Coombs M (Supervisors). Radiographic anatomy: A problem-based self-learning programme. 274

Siddiqui S; Zoellner H (Supervisor). The effect of non-enzymatic glycosylation of serum albumin upon endothelial apoptosis. 275

Yoong AC-E; Goonewardene MS, Lund AR, Samaranayake P (Supervisors). Epidemiology of malocclusion in Sri Lankan children. 275

Yung CC; Kirsbaum L, Reynolds EC (Supervisors). Isolation of a gene encoding a 28 kDa fimbrial protein in *Porphyromonas gingivalis*. 276

Zid Z; Hunt DR, McIntyre J (Supervisors). The effectiveness of natural oral protection against wine tasters' erosion. 276

*Abstract of 1994-95 Report:*

Ma PJ; Gotjamano T (Supervisor). The effect of topically applied low-strength silver fluoride solutions on dental caries in rats. 277

*Abstract of 1993-94 Report:*

Cicchini MS; Henderson LJ, Collard SM (Supervisors). Ultrasonic investigation of dentine bonding with composite resin and glass ionomer cement. 278

B

**BACTERIOLOGY**

Gemmell E, Bartold PM, Seymour GJ. Establishment of peripheral blood and gingival T lymphocyte clones responsive to *Porphyromonas gingivalis*. 113

Willcox MDP. Identification and classification of species within the *Streptococcus sanguinis* group. 107

**BARTOLD PM, GEMMELL E, SEYMOUR GJ.** See Gemmell E, Bartold PM, Seymour GJ.

**BASFORD KE, BOULTON JL, GAGE JP, VINCENT PF.** See Boulton JL, Gage JP, Vincent PF, Basford KE.

**BEENA VT, ANIL S, SMARANAYAKE LP, NAIR RG.** See Anil S, Samaranayake LP, Nair RG, Beena VT.

**BELAL E, MOGI K, KANO A, OTAKE K.** See Mogi K, Belal E, Kano A, Otake K.

**BOND STRENGTH**

Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

**BONDING**

Tyas MJ. Clinical performance of two dentine adhesives: 2-year results. 324

**BONE REMODELLING**

Ellender G, Gazelakis T. Growth and bone remodelling in a scorbutic rat model. 97

**BONE RESORPTION**

Yamaoka M, Furusawa K, Fujimoto K, Uematsu T. Completely impacted teeth in dentate and edentulous jaws. 169

**BOOK REVIEWS**

Barnes IE, Walls A, eds. Gerodontontology. 145

Berkowitz S. The cleft palate story. 146

Cawson R, Spector R, Skelly A. Basic pharmacology and clinical drug use in dentistry. 358

Darby ML, Walsh MM, eds. Dental hygiene, theory and practice. 66

Egelberg J, Claffey N. Periodontal re-evaluation. The scientific way. 360

Ferracane J. Materials in dentistry. Principles and applications. 286

Figures K, Lamb D, eds. Primary and emergency dental care. A practitioner's guide. 414

Friis-Hasche E. Child oral health care in Denmark. A great success in health promotion. 215

Glick M, Muzyka B. What your dentist does to keep the dental office safe. 414

Goldstein R, Garber D. Complete dental bleaching. 358

Grant AA, Heath JR, McCord JF. Complete prosthodontics: Problems, diagnosis and management. 216

Greenspan JS, Greenspan D, eds. Oral manifestation of HIV infection. 145

Jenkins WMM, Allan CJ. Guide to periodontics. 66

Jones M, Oliver R, eds. Walther and Houston's orthodontic notes. 287

Koch G, Modéer T, Poulsen S, Rasmussen P, eds. Periodontics. A clinical approach. 359

Merskey H, Bogduk N, eds. Classification of chronic pain. 145

Middleton G. The Synstrat Guide to practice management. 215

Milgrom P, Weinstein P, Getz T. Treating fearful dental patients. A patient management handbook. 414

Okeson J, ed. Bell's orofacial pains. 287

Palacci P, ed. Optimal implant positioning and soft tissue management for the Brånenmark system. 414

Perry D, Beemsterboer P, Taggart E. Periodontology for the dental hygienist. 360

Pertes R, Gross S, eds. Clinical management of temporomandibular disorders and orofacial pain. 360

Pindborg J, Reichtart P. Atlas of diseases of the oral cavity in HIV infection. 286

Richardson A. Interceptive orthodontics. 358

Roblee RD. Interdisciplinary dentofacial therapy. A comprehensive approach to optimal patient care. 146

Rosenstein SF, Land M, Fujimoto J. Contemporary fixed prosthodontics. 146

Serene T, Adams J, Saxena A. Nickel-titanium instruments: Applications in endodontics. 287

Sherring-Lucas M, Martin P. Attachments for prosthetic dentistry. Introduction and application. 215

Sonis ST, Fazio RC, Fang L. Principles and practice of oral medicine. 66

Stockfisch H. The principles and practice of dentofacial orthopaedics. 359

van Rensburg Jansen B. Oral Biology. 360

Williams J, Li, ed. Rowe & Williams' maxillofacial injuries – Volumes I and II. 146

Williams J, Cook P, Isaacson K, Thom A. Fixed orthodontic appliances. Principles and practice. 359

**BOTANY**

Pearn J, Phillips G. The life of Henry Jeaneret (1802-1886). Pioneer Australian dentist. With an account of his colonial service and scientific contributions in Australia. 260

**BOULTON JL, GAGE JP, VINCENT PF, BASFORD KE.** A laboratory study of dimensional changes for three elastomeric impression materials using custom and stock trays. 398

**BRAND AA, CHIKTE UME, THOMAS CJ.** Choosing dentistry as a career – A profile of entering students (1992) to the University of Sydney, Australia. 198

**BRENNAN DS, ALLISTER JH, SPENCER AJ.** See Allister JH, Spencer AJ, Brennan DS.

**BRIDGEMAN A, WIESENFELD D, NEWLAND S.** Anatomical considerations in the diagnosis and management of acute maxillofacial bacterial infections. 238

**BROCKHURST PJ.** A new design for partial denture circumferential clasp arms. 317

**BROCKHURST PJ, WHYTE MP.** See Whyte MP, Brockhurst PJ.

**BROWN LF.** A comparison of patients attending general dental practices employing dental hygienists. 47

**'BURN-OUT'**

Joffe H. Dentistry on the couch. 206

**BURNING MOUTH SYNDROME**

Savage NW. Burning mouth syndrome: Patient management. 363

**BURROW D, SLADE GD, SPENCER AJ, DAVIES MJ.** See Slade GD, Spencer AJ, Davies MJ, Burrow D.

**BYRNE A.** Methadone and oral hygiene. (Letter to the Editor.) 61

C

**CAMERON J, SAMPSON WJ.** Hypodontia of the permanent dentition. Case reports. 1

**CANCER**

O'Grady JF. Mental paraesthesia: An ominous symptom. Case reports. 370

**CANCER, ORAL**

Anil S, Samaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Cox SC, Walker DM. Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

Cox SC, Walker DM. Oral submucous fibrosis. A review. 294

Firth NA, Reade PC. The prognosis of oral mucosal squamous cell carcinomas: A comparison of clinical and histopathological grading and of laminin and type IV collagen staining. 83

Kilpi A, Rich AM, Reade PC, Konttinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

Walsh LJ, Coyne RM, Xu LJ, Savage NW. The role of adhesion molecules in oral cancer. 80

**CARE**

Coates AJ, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

**CAREER CHOICE**

Brand AA, Chikte UME, Thomas CJ. Choosing dentistry as a career - A profile of entering students (1992) to the University of Sydney, Australia. 198

**CARIES**

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

Sheedy JJ. Methadone and caries. Case reports. 367

Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian school children. 343

**CARIES PREVENTION**

Riordan PJ. The place of fluoride supplements in caries prevention today. 335

**CASE REPORTS**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Keur JJ, Huggins DG. Pseudo root resorption. Case report. 246

Miles PG, Nimkarn Y, De Leeuw BJ. Dentist's role in obstructive sleep apnoea. Review and case report. 248

Mogi K, Belal E, Kano A, Otake K. Benign cementoblastoma. Case report. 9

Nastri AL, Smith AC. The nasal tooth. Case report. 176

O'Grady JF. Mental paraesthesia: An ominous symptom. Case reports. 370

Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

Renton TF, Danks J, Rosenfeld JV. Cerebral abscess complicating dental treatment. Case report and review of the literature. 12

Sheedy JJ. Methadone and caries. Case reports. 367

Smith G. Two dentigerous cysts in the mandible of one patient. Case report. 291

Weisman MT. Endodontic cellulitis 'flare-up'. Case report. (Letter to the Editor.) 212

Woods MG. The use of a simple functional appliance as an adjunct to fixed appliance orthodontic treatment. Case reports. 221

CELASUN B, GÜNHAN M, GÜNHAN Ö, SAFALI M. See Günhan M, Günhan Ö, Celasun B, Safali M.

**CELL CULTURE**

Skinner SM, Gage JP, Wilce PA, Shaw RM. A preliminary study of the effects of laser radiation on collagen metabolism in cell culture. 188

**CEMENT, GLASS IONOMER**

Gotjamanos T. Pulp response in primary teeth with deep residual caries treated with silver fluoride and glass ionomer cement ('atraumatic' technique). 328

**CEMENTATION**

Wilson PR. Cementation of vented crowns with low deformation. 28

**CEMENTOBLASTOMA, BENIGN**

Mogi K, Belal E, Kano A, Otake K. Benign cementoblastoma. Case report. 9

**CHAPMAN PJ**

Mouthguard protection in sports. (Letter to the Editor.) 211

**CHAPMAN PJ, NASSER BP**

Prevalence of orofacial injuries and use of mouthguards in high school Rugby Union. 252

**CHEUNG LK, SAMMAN N, LEE E**

An unusual facial sinus. 6

**CHEUNG LK, SAMMAN N**

An unusual facial sinus. Authors' reply. (Letter to the Editor.) 211

**CHU S**

Interocclusal appliance therapy as assessed by three-dimensional reconstructions of MRI scans of temporomandibular joints. (Letter to the Editor.) 63

**CHEWING GUM**

Gray A, Ferguson MM. The use of low-tack chewing gum for individuals wearing orthodontic appliances. 373

**CHEWING SUBSTANCES**

Cox SC, Walker DM. Oral submucous fibrosis. A review. 294

**CHIKTE UME, BRAND AA, THOMAS CJ.**

See Brand AA, Chikte UME, Thomas CJ.

**CHIN SETBACK**

Hoffman GR, Moloney FB. The stability of facial osteotomies. Part 6. Chin setback. 178

**CHOW K-C, RODRIGO C**

See Rodrigo C, Chow K-C.

**CLARK RYAN P, PHILLIPSON R**

See Phillipson R, Clark Ryan P.

**CLASP ARMS**

Brockhurst PJ. A new design for partial denture circumferential clasp arms. 317

**CLASSIFICATION OF SPECIES**

Willcox MDP. Identification and classification of species within the *Streptococcus sanguis* group. 107

**COATES AJ, MOORE KR, RICHARDS LC.**

Removable prosthodontics: A survey of practices and attitudes among South Australian dentists. 151

**COATES E, SLADE GD, GOSS AN, GORKIC E.**

Oral conditions and their social impact among HIV dental patients. 33

**COLLAGEN**

Skinner SM, Gage JP, Wilce PA, Shaw RM. A preliminary study of the effects of laser radiation on collagen metabolism in cell culture. 188

**COMPOSITE RESIN**

Mount GJ, Makinson OF, Peters MCRB. The strength of auto-cured and light-cured materials. The shear punch test. 118

**COMPOSITES**

Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

**CONS NC, JENNY J**

See Jenny J, Cons NC.

**CORRECTION**

Ehrmann EH. Endodontic cellulitis 'flare-up': Clinical implications. (Letter to the Editor.) 144

**COX SC, WALKER DM**

Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

**COX SC, WALKER DM**

Oral submucous fibrosis. A review. 294

**COYNE RM, WALSH LJ, XU LJ, SAVAGE NW**

See Walsh LJ, Coyne RM, Xu LJ, Savage NW.

**CROSSBITE, ANTERIOR**

Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

**CROWNS**

Wilson PR. Cementation of crowns with low deformation. 28

**CROWN RETENTION**

Mulvey PG, Abbott PV. The effect of endodontic access cavity preparation and subsequent restorative procedures on molar crown retention. 134

**CURRICULUM, DENTAL**

Brand AA, Chikte UME, Thomas CJ. Choosing dentistry as a career - A profile of entering students (1992) to the University of Sydney, Australia. 198

Coates AJ, Moore KR, Richards LC. Removable prosthodontics: A survey of practices and attitudes among South Australian dentists. 151

Wetherell J, Mullins G, Winning T, Townsend G. First-year responses to a new problem-based curriculum in dentistry. 351

**CUTTING-GRINDING TECHNIQUE**

Günhan M, Günhan Ö, Celasun B, Safali M. Examination of periodontal tissues by a cutting-grinding technique. 173

**CYSTS, DENTIGEROUS**

Smith G. Two dentigerous cysts in the mandible of one patient. Case report. 291

**CYTOTOLOGY, EXFOLIATIVE**

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

**D**

**DANKS J, RENTON TF, ROSENFIELD JV**

Renton TF, Danks J, Rosenfeld JV.

**DAVIES MI, SLADE GD, SPENCER AJ, BURROW D**

See Slade GD, Spencer AJ, Davies MJ, Burrow D.

**DE LEEUW BJ, MILES PG, NIMKARN Y**

See Miles PG, Nimkarn Y, De Leeuw BJ.

**DEFORMATION**

Wilson PR. Cementation of vented crowns with low deformation. 28

**DEFORMITY, DENTOFACIAL**

Hoffman GR, Moloney FB. The stability of facial osteotomies. Part 5. Maxillary advancement with miniplate and screw fixation. 21

**DENTAL AESTHETIC INDEX**

Jenny J, Cons NC. Establishing malocclusion severity levels on the Dental Aesthetic Index (DAI) scale. 43

**DENTAL CARE**

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

**DENTAL HEALTH, PUBLIC**

Coates AJ, Moore KR, Richards LC. Removable prosthodontics: A survey of practices and attitudes among South Australian dentists. 151

Hawthorne WS, Smales RJ. Factors affecting the amount of long-term restorative dental treatment provided to 100 patients by 20 dentists in 3 Adelaide private practices. 256

**DENTAL PRACTICE**

Joffe H. Dentistry on the couch. 206

Lange P, Savage NW, Walsh LJ. Utilization of personal protective equipment in general dental practice. 164

Phillipson R, Clark Ryan P. Dentistry on the couch. (Letter to the Editor.) 356

**DENTAL STUDENTS**

Brand AA, Chikte UME, Thomas CJ. Choosing dentistry as a career - A profile of entering students (1992) to the University of Sydney, Australia. 198

**DENTINE**

Afonso F, Gotjamanos T. An *in vitro* study of the distribution of silver and fluoride following application of 40 per cent silver fluoride solution to dentine. 388

**DENTINE ADHESIVES**

Tyas MJ. Clinical performance of two dentine adhesives: 2-year results. 324

**DENTISTS' HEALTH**

Joffe H. Dentistry on the couch. 206

**DENTITION, MIXED**  
 Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

**DENTOFACIAL ORTHOPAEDICS**  
 Woods MG. The use of a simple functional appliance as an adjunct to fixed appliance orthodontic treatment. Case reports. 221

**DENTURE DESIGN**  
 Brockhurst PJ. A new design for partial denture circumferential clasp arms. 317

**DENTURES**  
 Coates AJ, Moore KR, Richards LC. Removable prosthodontics: A survey of practices and attitudes among South Australian dentists. 151

**DERANGEMENTS TMJ, INTERNAL**  
 Dolwick MF, Dimitroulis G. A re-evaluation of the importance of disc position in temporomandibular disorders. 184

**DESAI M, TYAS MJ.** Adhesion to enamel of light-cured poly-acid dental materials. 393

**DIABETES MELLITUS**  
 Yavuzyilmaz E, Yumak Ö, Akdoganlı T, Yamalik N, Özer N, Ersoy F, Yeniyay İ. The alterations of whole saliva constituents in patients with diabetes mellitus. 193

**DIAGNOSIS**  
 Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

**DIET**  
 Cox SC, Walker DM. Oral submucous fibrosis. A review. 294

**DIMENSIONAL ACCURACY**  
 Boulton JL, Gage JP, Vincent PF, Basford KE. A laboratory study of dimensional changes for three elastomeric impression materials using custom and stock trays. 398

**DIMITROULIS G, DOLWICK MF.** See Dolwick MF, Dimitroulis G.

**DIMITROULIS G, DOLWICK MF.** Temporomandibular disorders. Part 3. Surgical treatment. 16

**DISABLED CHILDREN**  
 Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

**DISC DERANGEMENT**  
 McNamara DC, Rosenberg I, Jackson PA, Hogben J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

**DISC DISPLACEMENT**  
 Dolwick MF, Dimitroulis G. A re-evaluation of the importance of disc position in temporomandibular disorders. 184

**DOLWICK MF, DIMITROULIS G.** See Dimitroulis G, Dolwick MF.

**DOLWICK MF, DIMITROULIS G.** A re-evaluation of the importance of disc position in temporomandibular disorders. 184

**DORNEY B.** Mouthguard protection in sports injury. Author's reply. (Letter to the Editor.) 63

**DRAINAGE, SURGICAL**  
 Bridgeman A, Wiesenfeld D, Newland S. Anatomical considerations in the diagnosis and management of acute maxillo-facial bacterial infections. 238

**DRUG DEPENDENCY**  
 Byrne A. Methadone and oral hygiene. (Letter to the Editor.) 61

Sheedy JJ. Methadone and caries. Case reports. 367

**DYSAESTHESIA, ORAL**  
 Savage NW. Burning mouth syndrome: Patient management. 363

**E**

**ECTOPIC SITES**  
 Nastri AL, Smith AC. The nasal tooth. Case report. 176

**EDENTULOUS JAWS**  
 Yamaoka M, Furusawa K, Fujimoto K, Uematsu T. Completely impacted teeth in dentate and edentulous jaws. 169

**EDITORIALS**  
 Harcourt JK. Customer, Client, Patient. Dentistry in 1996. 59

Harcourt JK. Ethics and the professions. 211

Harcourt JK. Complaints – why do they happen? 279

Harcourt JK. Dentistry again the forgotten profession? 355

Harcourt JK. The FDI World Dental Federation. 411

Hession RW. Guest Editorial. What Price Research? 141

**EDUCATION, DENTAL**  
 Wetherell J, Mullins G, Winning T, Townsend G. First-year responses to a new problem-based curriculum in dentistry. 351

**EHRMANN EH.** Endodontic cellulitis 'flare-up': Clinical implications. (Letter to the Editor.) 62

**ELLENDER G, GAZELAKIS T.** Growth and bone remodelling in a scorbutic rat model. 97

**ENAMEL**  
 Günhan M, Günhan Ö, Celasun B, Safalı M. Examination of periodontal tissues by a cutting-grinding technique. 173

Walsh LJ. Split-mouth study of sealant retention with carbon dioxide laser versus acid etch conditioning. 124

**ENAMEL MOTTLING**  
 Riordan PJ. The place of fluoride supplements in caries prevention today. 335

**ENDOCARDITIS**  
 Willcox MDP. Identification and classification of species within the *Streptococcus sanguis* group. 107

**ENDODONTIC CELLULITIS**  
 Ehrmann EH. Endodontic cellulitis 'flare-up': Clinical implications. (Letter to the Editor.) 62

Messer HH. Endodontic cellulitis 'flare-up'. (Letter to the Editor.) 61

Weisman MI. Endodontic cellulitis 'flare-up'. Case report. (Letter to the Editor.) 212

**ENDODONTICS**  
 Cheung LK, Samman N. An unusual facial sinus. Author's reply. (Letter to the Editor.) 211

Mayne JR. An unusual facial sinus. 211

Mulvay PG, Abbott PV. The effect of endodontic access cavity preparation and subsequent restorative procedures on molar crown retention. 134

Weisman MI. Endodontic cellulitis 'flare-up'. Case report. (Letter to the Editor.) 212

**EPIDEMIOLOGY**  
 Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian school children. 343

**ERSOY F, YAVUZYILMAZ E, YUMAK Ö, AKDOĞANLI T, YAMALIK N, ÖZER N, YENIYAY İ.** See Yavuzyilmaz E, Yumak Ö, Akdoganlı T, Yamalik N, Özer N, Ersoy F, Yeniyay İ.

**ETCHING**  
 Walsh LJ. Split-mouth study of sealant retention with carbon dioxide laser versus acid etch conditioning. 124

**EXODONTIA**  
 Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

**F**

**FERGUSON JW.** The stability of facial osteotomies. (Letter to the Editor.) 280

**FERGUSON MM, GRAY A.** See Gray A, Ferguson MM.

**FIBROSIS, ORAL SUBMUCOSA**  
 Cox SC, Walker DM. Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

Cox SC, Walker DM. Oral submucous fibrosis. A review. 294

**FINAU SA.** Oral health and personnel needs in the Pacific. 53

**FIXATION, MINIPLATE AND SCREW**  
 The stability of facial osteotomies. Part 5. Maxillary advancement with miniplate and screw fixation. 21

**FLUORIDE**  
 Afonso F, Gotjamanos T. An *in vitro* study of the distribution of silver and fluoride following application of 40 per cent silver fluoride solution to dentine. 388

Gotjamanos T. Pulp response in primary teeth with deep residual caries treated with silver fluoride and glass ionomer cement ('atraumatic' technique). 328

Silva M, Reynolds EC. Fluoride content of infant formulae in Australia. 37

**FLUORIDE SUPPLEMENTS**  
 Riordan PJ. The place of fluoride supplements in caries prevention today. 335

**FLUOROSIS**  
 Afonso F, Gotjamanos T. An *in vitro* study of the distribution of silver and fluoride following application of 40 per cent silver fluoride solution to dentine. 388

Riordan PJ. The place of fluoride supplements in caries prevention today. 335

Silva M, Reynolds EC. Fluoride content of infant formulae in Australia. 37

**FUJIMOTO K, YAMAOKA M, FURUSAWA K, UEMATSU T.** See Yamaoka M, Furusawa K, Fujimoto K, Uematsu T.

**FURUSAWA K, YAMAOKA M, FUJIMOTO K, UEMATSU T.** See Yamaoka M, Furusawa K, Fujimoto K, Uematsu T.

**G**

**GAGE JP, BOULTON JL, VINCENT PF, BASFORD KE.** See Boulton JL, Gage JP, Vincent PF, Basford KE.

**GAGE JP, SKINNER SM, WILCE PA, SHAW RM.** See Skinner SM, Gage JP, Wilce PA, Shaw RM.

**GAZELAKIS T, ELLENDER G.** See Ellender G, Gazelakis T.

**GEMMELL E, BARTOLD PM, SEYMOUR GJ.** Establishment of peripheral blood and gingival T lymphocyte clones responsive to *Porphyromonas gingivalis*. 113

**GENERAL DENTAL PRACTICE**  
 Lange P, Savage NW, Walsh LJ. Utilization of personal protective equipment in general dental practice. 164

**GENIoplasty**  
 Hoffman GR, Moloney FB. The stability of facial osteotomies. Part 6. Chin setback. 178

**GERIATRIC DENTISTRY**  
 Coates AJ, Moore KR, Richards LC. Removable prosthodontics: A survey of practices

and attitudes among South Australian dentists. 151

**GINGIVAL HYPERPLASIA**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

**GLASS IONOMER CEMENT**

Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

Mount GJ, Makinson OF, Peters MCRB. The strength of auto-cured and light-cured materials. The shear punch test. 118

Wilson PR. Cementation of vented crowns with low deformation. 28

**GLOSSODYNIA**

Savage NW. Burning mouth syndrome: Patient management. 363

**GORKIC E, COATES E, SLADE GD, GOSS AN.** See Coates E, Slade GD, Goss AN, Gorkic E.

**GOSS AN, COATES E, SLADE GD, GORKIC E.** See Coates E, Slade GD, Goss AN, Gorkic E.

**GOTJAMANOS T.** Pulp response in primary teeth with deep residual caries treated with silver fluoride and glass ionomer cement ('atraumatic' technique). 328

**GOTJAMANOS T, AFONSO F.** See Afonso F, Gotjamanos T.

**GRAY A, FERGUSON MM.** The use of low-tack chewing gum for individuals wearing orthodontic appliances. 373

**GROWTH**

Ellender G, Gazelakis T. Growth and bone remodelling in a scorbutic rat model. 97

**GROWTH FRACTION**

Cox SC, Walker DM. Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

**GÜNHAN M, GÜNHAN Ö, CELASUN B, SAFALI M.** Examination of periodontal tissues by a cutting-grinding technique. 173

**GÜNHAN Ö, GÜNHAN M, CELASUN B, SAFALI M.** See Günhan M, Günhan Ö, Celasun B, Safali M.

**GYPSUM, DENTAL**

Whyte MP, Brockhurst PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

**H**

**HANDICAPPED CHILDREN**

Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

Hawthorne WS, Smales RJ. Factors affecting the amount of long-term restorative dental treatment provided to 100 patients by 20 dentists in 3 Adelaide private practices. 256

**HEALTH MANAGEMENT, PUBLIC**

Finau SA. Oral health and personnel needs in the Pacific. 53

Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280

**HISTOLOGY**

Cox SC, Walker DM. Oral submucous fibrosis. A review. 294

Günhan M, Günhan Ö, Celasun B, Safali M. Examination of periodontal tissues by a cutting-grinding technique. 173

Smith G. Two dentigerous cysts in the mandible of one patient. Case report. 291

**HISTORY, DENTAL**

Pearn J, Phillips G. The life of Henry Jeanneret (1802-1886). Pioneer Australian dentist. With an account of his colonial service and scientific contributions in Australia. 260

**HIV INFECTION**

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

**HOFFMAN GR, MOLONEY FB.** The stability of facial osteotomies. Part 5. Maxillary advancement with miniplate and screw fixation. 21

**HOFFMAN GR, MOLONEY FB.** The stability of facial osteotomies. Part 6. Chin setback. 178

**HOFFMAN GR, MOLONEY FB.** The stability of facial osteotomies. Authors' reply. (Letter to the Editor.) 281

**HOBGEN J, McNAMARA DC, ROSENBERG I, JACKSON PA.** See McNamara DC, Rosenberg I, Jackson PA, Hobgen J.

**HONOURS AND AWARDS**

John Anker AM. 282

Michael Dowsett AM. 142

Ken Franklin OAM. 282

Keith Godfrey AM. 282

Roger Kingsley Hall OAM. 142

**HUGGINS DG, KEUR JJ.** See Keur JJ, Huggins DG.

**HUMAN IMMUNODEFICIENCY VIRUS**

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

**HUMAN RESOURCES**

Finan SA. Oral health and personnel needs in the Pacific. 53

Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280

**HYGIENISTS, DENTAL**

Brown LF. A comparison of patients attending general dental practices employing dental hygienists. 47

**HYPODONTIA**

Cameron J, Sampson WJ. Hypodontia of the permanent dentition. Case reports. 1

**I**

**IDENTIFICATION SCHEME, BIOCHEMICAL**

Willcox MDP. Identification and classification of species within the *Streptococcus sanguis* group. 107

**IMPACT INJURY**

Chapman PJ. Mouthguard protection in sports. (Letter to the Editor.) 211

Dorney B. Mouthguard protection in sports injury. Author's reply. (Letter to the Editor.) 63

McNamara DC, Rosenberg I, Jackson PA, Hobgen J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

**IMPACTION**

Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

Yamaoka M, Furusawa K, Fujimoto K, Uematsu T. Completely impacted teeth in dentate and edentulous jaws. 169

**IMPRESSION MATERIALS**

Boulton JL, Gage JP, Vincent PF, Basford KE. A laboratory study of dimensional changes for three elastomeric impression materials using custom and stock trays. 398

**IMPRESSION TRAYS**

Boulton JL, Gage JP, Vincent PF, Basford KE. A laboratory study of dimensional changes for three elastomeric impression materials using custom and stock trays. 398

**INFANT FORMULAE**

Silva M, Reynolds EC. Fluoride content of infant formulae in Australia. 37

**INFECTION CONTROL**

Lange P, Savage NW, Walsh LJ. Utilization of personal protective equipment in general dental practice. 164

**INFECTION, FACIAL**

Bridgeman A, Wiesenfeld D, Newland S. Anatomical considerations in the diagnosis and management of acute maxillofacial bacterial infections. 238

Cheung LK, Samman N, Lee E. An unusual facial sinus. 6

Cheung LK, Samman N. An unusual facial sinus. Author's reply. (Letter to the Editor.) 211

Mayne JR. An unusual facial sinus. (Letter to the Editor.) 211

Renton TF, Danks J, Rosenfeld JV. Cerebral abscess complicating dental treatment. Case report and review of the literature. 12

**INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH**

**AUSTRALIAN AND NEW ZEALAND DIVISION**

Scientific Programme: 36th Annual Scientific Meeting, Sydney, 29 September-2 October 1996. 415

**INTERNATIONAL CORRESPONDENCE**

News from the United Kingdom. 65, 143, 216, 284, 356, 413

**INTEROCCLUSAL APPLIANCE THERAPY**

Chu S. Interocclusal appliance therapy as assessed by three-dimensional reconstructions of MRI scans of temporomandibular joints. (Letter to the Editor.) 63

**INTRANASAL TEETH**

Nastri AL, Smith AC. The nasal tooth. Case report. 176

**ION TRANSFER, FLUORIDE**

Afonso F, Gotjamanos T. An *in vitro* study of the distribution of silver and fluoride following application of 40 per cent silver fluoride solution to dentine. 388

**J**

**JACKSON PA, McNAMARA DC, ROSENBERG I, HOBGEN J.** See McNamara DC, Rosenberg I, Jackson PA, Hobgen J.

**JACOBS SG.** The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

**JENNY J, CONS NC.** Establishing malocclusion severity levels on the Dental Aesthetic Index (DAI) scale. 43

**JIANG D-J, MERCADO-ORTIZ G, WILSON D.** See Mercado-Ortiz G, Wilson D, Jiang D-J.

**JOFFE H.** Dentistry on the couch. 206

**K**

**KANO A, MOGI K, BELAL E, OTAKE K.** See Mogi K, Belal E, Kano A, Otake K.

**KEUR JJ, HUGGINS DG.** Pseudo root resorption. Case report. 246

**KILPI A, RICH AM, READE PC, KONTINEN YT.** Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

**KONTINEN YT, KILPI A, RICH AM, READE PC.** See Kilpi A, Rich AM, Reade PC, Kontinen YT.

**L**

**LAMININ**

Firth NA, Reade PC. The prognosis of oral mucosal squamous cell carcinomas: A comparison of clinical and histopathological grading and of laminin and type IV collagen staining. 83

LANGE P, SAVAGE NW, WALSH LJ. Utilization of personal protective equipment in general dental practice. 164

**LASERS**

McNamara DC, Rosenberg I, Jackson PA, Hogben J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

Skinner SM, Gage JP, Wilce PA, Shaw RM. Preliminary study of the effects of laser radiation on collagen metabolism in cell culture. 188

Walsh LJ. Split-mouth study of sealant retention with carbon dioxide laser versus acid etch conditioning. 124

Walsh LJ, L'Estrange PR, Seymour GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

LEE E, CHEUNG LK, SAMMAN N. See Cheung LK, Samman N, Lee E.

L'ESTRANGE PR, WALSH LJ, SEYMOUR GJ. See Walsh LJ, L'Estrange PR, Seymour GJ.

**LETTERS TO THE EDITOR**

Byrne A. Methadone and oral hygiene. 61

Chapman PJ. Mouthguard protection in sports. 211

Cheung LK, Samman N. An unusual facial sinus. Author's reply. 211

Chu S. Interocclusal appliance therapy as assessed by three-dimensional reconstructions of MRI scans of temporomandibular joints. 63

Dorney B. Mouthguard protection in sports injury. Author's reply. 63

Ehrmann EH. Endodontic cellulitis 'flare-up': Clinical implications. 62

Ferguson JW. The stability of facial osteotomies. 280

Hoffman GR, Moloney FB. The stability of facial osteotomies. Author's reply. 281

Mayne JR. An unusual facial sinus. 211

Messer HH. Endodontic cellulitis 'flare-up'. 61

Phillipson R, Clark Ryan P. Dentistry on the couch. 356

Rosted P. The use of acupuncture in dentistry. 61

Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. 280

Weisman MI. Endodontic cellulitis 'flare-up'. Case report. 212

**LEUKAEMIA**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

**LEUKOPLAKIA**

Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosa changes in Filipino women. Epidemiological features. 300

**LICHEN PLANUS**

Kilpi A, Rich AM, Reade PC, Kontinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

**M**

McNAMARA DC, ROSENBERG I, JACKSON PA, HOGBEN J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

MAKINSON OF, MOUNT GJ, PETERS MCRB. See Mount GJ, Makinson OF, Peters MCRB.

**MALIGNANT TRANSFORMATION**

Kilpi A, Rich AM, Reade PC, Kontinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosa changes in Filipino women. Epidemiological features. 300

**MALOCCLUSION**

Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

**MALOCCLUSION LEVELS**

Jenny J, Cons NC. Establishing malocclusion severity levels on the Dental Aesthetic Index (DAI) scale. 43

**MANDIBLE**

Hoffman GR, Moloney FB. The stability of facial osteotomies. Part 6. Chin setback. 178

Yamaoka M, Furusawa K, Fujimoto K, Uematsu T. Completely impacted teeth in dentate and edentulous jaws. 169

**MANIFESTATIONS OF DISEASE. ORAL**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

**MATERIALS. DENTAL**

Boulton JL, Gage JP, Vincent PF, Basford KE. A laboratory study of dimensional changes for three elastomeric impression materials using custom and stock trays. 398

Desai M, Tyas MJ. Adhesion of enamel of light-cured poly-acid dental materials. 393

Mount GJ, Makinson OF, Peters MCRB. The strength of auto-cured and light-cured materials. The shear punch test. 118

Tyas MJ. Clinical performance of two dentine adhesives: 2-year results. 324

Whyte MP, Brockhurst PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

**MAXILLA**

Yamaoka M, Furusawa K, Fujimoto K, Uematsu T. Completely impacted teeth in dentate and edentulous jaws. 169

**MAXILLOFACIAL INFECTIONS**

Bridgeman A, Wiesenfeld D, Newland S. Anatomical considerations in the diagnosis and management of acute maxillofacial bacterial infections. 238

Cheung LK, Samman N, Lee E. An unusual facial sinus. 6

Cheung LK, Samman N. An unusual facial sinus. Authors' reply. (Letter to the Editor.) 211

Mayne JR. An unusual facial sinus. (Letter to the Editor.) 211

Renton TF, Danks J, Rosenfeld JV. Cerebral abscess complicating dental treatment. Case report and review of the literature. 12

MAYNE JR. An unusual facial sinus. (Letter to the Editor.) 211

**MEDICAL CONDITIONS**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Cameron J, Sampson WJ. Hypodontia of the permanent dentition. Case reports. 1

Miles PG, Nimkarn Y, De Leeuw BJ. Dentistry's role in obstructive sleep apnoea. Review and case report. 248

O'Grady JF. Mental paraesthesia: An ominous symptom. Case reports. 370

Renton TF, Danks J, Rosenfeld JV. Cerebral abscess complicating dental treatment. Case report and review of the literature. 12

Savage NW. Burning mouth syndrome: Patient management. 363

Yavuzyilmaz E, Yumak Ö, Akdoganlı T, Yamalik N, Özner N, Ersoy N, Yeniyay İ. The alterations of whole saliva constituents in patients with diabetes mellitus. 193

**MENTAL NERVE**

O'Grady JF. Mental paraesthesia: An ominous symptom. Case reports. 370

**MERCADO-ORTIZ G, WILSON D, JIANG D-J**

Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

**MESSER HH**. Endodontic cellulitis 'flare-up'. (Letter to the Editor.) 61

**METABOLISM, COLLAGEN**

Skinner SM, Gage JP, Wilce PA, Shaw RM. A preliminary study of the effects of laser radiation on collagen metabolism in cell culture. 188

**METHADONE**

Byrne A. Methadone and oral hygiene. (Letter to the Editor.) 61

Sheedy JJ. Methadone and caries. Case reports. 367

**MICROBIAL FLORA**

Weisman MI. Endodontic cellulitis 'flare-up'. Case report. (Letter to the Editor.) 212

**MICROSCOPE ENDOSCOPY**

Walsh LJ, L'Estrange PR, Seymour GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

**MICROSCOPY**

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

**MILES PG, NIMKARN Y, DE LEEUW BJ**. Dentistry's role in obstructive sleep apnoea. 248

**MOGI K, BELAL E, KANO A, OTAKE K**. Benign cementoblastoma. Case report. 9

**MOLONEY FB, HOFFMAN GR**. See Hoffman GR, Moloney FB.

**MOORE KR, COATES AJ, RICHARDS LC**. See Coates AJ, Moore KR, Richards LC.

**MOUNT GJ, MAKINSON OF, PETERS MCRB**. The strength of auto-cured and light-cured materials. The shear punch test. 118

**MOUTHGUARDS**

Chapman PJ. Mouthguard protection in sports. (Letter to the Editor.) 211

Chapman PJ, Nasser BP. Prevalence of orofacial injuries and use of mouthguards in high school Rugby Union. 252

Dorney B. Mouthguard protection in sports injury. Author's reply. (Letter to the Editor.) 63

**MUCOSA**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Kilpi A, Rich AM, Reade PC, Kontinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

Savage NW. Burning mouth syndrome: Patient management. 363

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

Walsh LJ, L'Estrange PR, Seymour GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

**MULLINS G, WETHERELL J, WINNING T, TOWNSEND G**. See Wetherell J, Mullins G, Winning T, Townsend G.

**MULVAY PG, ABBOTT PV**. The effect of endodontic access cavity preparation and subsequent restorative procedures on molar crown retention. 134

**N**

NAIR RG, ANIL S, SMARANAYAKE LP, BEENA VT. See Anil S, Smaranayake LP, Nair RG, Beena VT.

**NASAL CAVITY**

Nastri AL, Smith AC. The nasal tooth. Case report. 176

NASSER BP, CHAPMAN PJ. See Chapman PJ, Nasser BP.

NASTRI AL, SMITH AC. The nasal tooth. Case report. 176

NEWLAND S, BRIDGEMAN A, WIESENFELD D. See Bridgeman A, Wiesenfeld D, Newland S.

**NEWS AND NOTES, NOTICES**

Astra Grants for Undergraduate Students, 1996. 290

British Dental Association. 144

Ludwig Institute for Cancer Research. 144

New Zealand Dental Association. 220

Pierre Fauchard Academy Australian Section. 285

Royal Australasian College of Dental Surgeons. 144

Royal Children's Hospital, Parkville, Victoria. 413

University of Queensland. 422

University of Melbourne. 70, 422

Vietnamese Dental Association. 144

NIMKARN Y, MILES PG, DE LEEUW BJ. See Miles PG, Nimkarn Y, De Leeuw BJ.

**O**

**OBITUARIES**

Nancy Lyall Badrock AM. 283

Peter Charles Brothers OAM. 60

**OCCLUSION**

Ferguson JW. The stability of facial osteotomies. (Letter to the Editor.) 280

Hoffman GR, Moloney FB. The stability of facial osteotomies. Authors' reply. (Letter to the Editor.) 280

**OCCUPATIONAL STRESS**

Joffe H. Dentistry on the couch. 206

O'GRADY JF. Mental paraesthesia: An ominous symptom. Case reports. 370

OLSEN CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

**OPERATIVE DENTISTRY**

Hawthorne WS, Smales RJ. Factors affecting the amount of long-term restorative dental treatment provided to 100 patients by 20 dentists in 3 Adelaide private practices. 256

**ORAL HEALTH**

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their impact among HIV dental patients. 33

Finau SA. Oral health and personnel needs in the Pacific. 53

Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian schoolchildren. 343

Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280

**ORAL HYGIENE**

Byrne A. Methadone and oral hygiene. (Letter to the Editor.) 61

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their impact among HIV dental patients. 33

Savage NW. Burning mouth syndrome: Patient management. 363

Sheedy JJ. Methadone and caries. Case reports. 367

**ORAL MUCOSA**

Anil S, Smaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. 235

Kilpi A, Rich AM, Reade PC, Kontinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

Mercado-Oritz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

Walsh LJ, L'Estrange PR, Seymour GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

**ORAL SURGERY**

Rodrigo C, Chow K-C. Patient-controlled sedation: A comparison of prior to and until the end of minor oral surgery. 159

**OROFACIAL INJURY**

Chapman PJ. Mouthguard protection in sports. (Letter to the Editor.) 211

Chapman PJ, Nasser BP. Prevalence of orofacial injuries and use of mouthguards in high school Rugby Union. 252

Dorney B. Mouthguard protection in sports injury. Author's reply. (Letter to the Editor.) 63

McNamara DC, Rosenberg I, Jackson PA, Hogben J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

**ORTHODONTIC NEEDS**

Jenny J, Cons NC. Establishing malocclusion severity levels on the Dental Aesthetic Index (DAI) scale. 43

**ORTHODONTICS**

Allister JH, Spencer AJ, Brennan DS. Provision of orthodontic care to adolescents in South Australia: The type, the provider, and the place of treatment. 405

Cameron J, Sampson WJ. Hypodontia of the permanent dentition. Case reports. 1

Gray A, Ferguson MM. The use of low-tack chewing gum for individuals wearing orthodontic appliances. 373

Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

Keur JJ, Huggins DG. Pseudo root resorption. Case report. 246

Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

Woods MG. The use of a simple functional appliance as an adjunct to fixed appliance orthodontic treatment. Case reports. 221

**ORTHOGNATHIC SURGERY**

Miles PG, Nimkarn Y, De Leeuw BJ. Dentistry's role in obstructive sleep apnoea. Review and case report. 248

**OSTEOTOMIES, FACIAL**

Ferguson JW. The stability of facial osteotomies. (Letter to the Editor.) 280

Hoffman GR, Moloney FB. The stability of facial osteotomies. Authors' reply. (Letter to the Editor.) 281

Hoffman GR, Moloney FB. The stability of facial osteotomies. Part 6. Chin setback. 178

Hoffman GR, Moloney FB. The stability of facial osteotomies. Part 5. Maxillary advancement with miniplate and screw fixation. 21

OTAKE K, MOGI K, BELAL E, KANO A. See Mogi K, Belal E, Kano A, Otake K.

ÖZER N, YAVUZYILMAZ E, YUMAK Ö, AKDOĞANLI T, YAMALIK N, ERSOY F, YENİAY İ. See Yavuzyilmaz E, Yumak Ö, Akdoganli T, Yamalik N, Ersøy F, Yeniyay İ.

**P**

**PACIFIC ISLAND DENTISTRY**

Finau SA. Oral health and personnel needs in the Pacific. 53

**Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280**

**PAEDIATRIC DENTISTRY**

Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

Riordan PJ. The place of fluoride supplements in caries prevention today. 335

Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian schoolchildren. 343

**PARAESTHESIA**

O'Grady JF. Mental paraesthesia: An ominous symptom. Case reports. 370

**PATHOGENESIS**

Smith G. Two dentigerous cysts in the mandible of one patient. Case report. 291

**PATHOLOGICAL GRADE**

Firth NA, Reade PC. The prognosis of oral mucosal squamous cell carcinomas: A comparison of clinical and histopathological grading and of laminin and type IV collagen staining. 83

**PATIENT MANAGEMENT**

Brown LF. A comparison of patients attending general dental practices employing dental hygienists. 47

Byrne A. Methadone and oral hygiene. (Letter to the Editor.) 61

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

Rodrigo C, Chow K-C. Patient-controlled sedation. A comparison of prior to and until the end of minor oral surgery. 159

Savage NW. Burning mouth syndrome: Patient management. 363

Sheedy JJ. Methadone and caries. Case reports. 367

**PATIENTS' KNOWLEDGE**

Brown LF. A comparison of patients attending general dental practices employing dental hygienists. 47

PEARN J, PHILLIPS G. The life of Henry Jeaneret (1802-1886). Pioneer Australian dentist. With an account of his colonial service and scientific contributions in Australia. 260

**PERIODONTAL DISEASE**

Brown LF. A comparison of patients attending general dental practices employing dental hygienists. 47

Coates E, Slade GD, Goss AN, Gorkic E. Oral conditions and their social impact among HIV dental patients. 33

Gemmell E, Bartold PM, Seymour GJ. Establishment of peripheral blood and gingival T lymphocyte clones responsive to *Porphyromonas gingivalis*. 113

**PERIODONTOLOGY**

Günhan M, Günhan Ö, Celasun B, Safai M. Examination of periodontal tissues by a cutting-grinding technique. 173

**PERMEABILITY, DENTINE**

Afonso F, Gotjamanos T. An *in vitro* study of the distribution of silver and fluoride following application of 40 per cent silver fluoride solution to dentine. 388

**PERSONNEL NEEDS**

Finau SA. Oral health and personnel needs in the Pacific. 53

Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280

**PETERS MCRB, MOUNT GJ, MAKINSON OF, SEE MOUNT GJ, MAKINSON OF, PETERS MCRB.**

PHILLIPS G, PEARN J. See Pearn J, Phillips G.

PHILLIPSON R, CLARK RYAN P. Dentistry on the couch. (Letter to the Editor.) 356

**PHOTOCURING**

Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

## PIONEER DENTISTRY

Pearn J, Phillips G. The life of Henry Jeaneret (1802-1886). Pioneer Australian dentist. With an account of his colonial service and scientific contributions in Australia. 260

## POLYALKENOATE

Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

## PORPHYROMONAS GINGIVALIS

Gemmell E, Bartold PM, Seymour GJ. Establishment of peripheral blood and gingival T lymphocyte clones responsive to *Porphyromonas gingivalis*. 113

## PREMALIGNANCY

Cox SC, Walker DM. Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

Kilpi A, Rich AM, Reade PC, Kontinen YT. Studies of the inflammatory process and malignant potential of oral mucosal lichen planus. 87

Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

## PREVENTIVE DENTISTRY

Riordan PJ. The place of fluoride supplements in caries prevention today. 335

Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian schoolchildren. 343

## PROGNOSIS TYPE IV COLLAGEN

Firth NA, Reade PC. The prognosis of oral mucosal squamous cell carcinomas: A comparison of clinical and histopathological grading and of laminin and type IV collagen staining. 83

## PROSTHODONTICS

Boulton JL, Gage JP, Vincent PF, Basford KE. A laboratory study of dimensional changes for three elastomeric impression materials using custom and stock trays. 398

Coates AJ, Moore KR, Richards LC. Removable prosthodontics: A survey of practices and attitudes among South Australian dentists. 151

## PROTECTIVE EQUIPMENT

Lange P, Savage NW, Walsh LJ. Utilization of personal protective equipment in general dental practice. 164

## PSYCHOLOGY

Joffe H. Dentistry on the couch. 206

Phillipson R, Clark Ryan P. Dentistry on the couch. (Letter to the Editor.) 356

## PUBLIC HEALTH DENTISTRY

Finau SA. Oral health and personnel needs in the Pacific. 53

Tuisuva J, von Doussa R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280

Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian schoolchildren. 343

## PULP

Gotjamano T. Pulp response in primary teeth with deep residual caries treated with silver fluoride and glass ionomer cement ('atraumatic' technique). 328

## R

## RADIOGRAPHY

Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

Keur JJ, Huggins DG. Pseudo root resorption. Case report. 246

READE PC, FIRTH NA. See Firth NA, Reade PC.

READE PC, KILPI A, RICH AM, KONTINEN YT. See Kilpi A, Rich AM, Reade PC, Kontinen YT.

RENTON TF, DANKS J, ROSENFIELD JV. Cerebral abscess complicating dental treatment. Case report and review of the literature. 12

## RESIN COMPOSITES

Desai M, Tyas MJ. Adhesion to enamel of light-cured poly-acid dental materials. 393

Tyas MJ. Clinical performance of two dentine adhesives: 2-year results. 324

## RESTORATIVE DENTISTRY

Hawthorne WS, Smales RJ. Factors affecting the amount of long-term restorative dental treatment provided to 100 patients by 20 dentists in 3 Adelaide private practices. 256

## RESTORATIVE MATERIALS

Hawthorne WS, Smales RJ. Factors affecting the amount of long-term restorative dental treatment provided to 100 patients by 20 dentists in 3 Adelaide private practices. 256

REYNOLDS EC, SILVA M. See Silva M, Reynolds EC.

RICH AM, KILPI A, READE PC, KONTINEN YT. See Kilpi A, Rich AM, Reade PC, Kontinen YT.

RICHARDS LC, COATES AJ, MOORE KR. See Coates AJ, Moore KR, Richards LC.

RIORDAN PJ. The place of fluoride supplements in caries prevention today. 335

RODRIGO C, CHOW K-C. Patient-controlled sedation: A comparison of prior to and until the end of minor oral surgery. 159

## ROOT RESORPTION, PSEUDO

Keur JJ, Huggins DG. Pseudo root resorption. Case report. 246

ROSENBERG I, McNAMARA DC, JACKSON PA, HOBGEN J. See McNamara DC, Rosenberg I, Jackson PA, Hobgen J.

ROSENFIELD JV, RENTON TF, DANKS J. See Renton TF, Danks J, Rosenfeld JV.

ROSTED P. The use of acupuncture in dentistry. (Letter to the Editor.) 61

## S

SAFALIM, GÜNHAN M, GÜNHAN Ö, CELASUN B. See Günhan M, Günhan Ö, Celasun B, Safalim.

## SALIVA

Yavuziyilmaz E, Yumak Ö, Akdogan T, Yamaik N, Ersoy F, Yeniyak K. The alterations of whole saliva constituents in patients with diabetes mellitus. 193

SAMMAN N, CHEUNG LK. See Cheung LK, Samman N.

SAMMAN N, CHEUNG LK, LEE E. See Cheung LK, Samman N, Lee E.

SAMPSON WJ, CAMERON J. See Cameron J, Sampson WJ.

SAVAGE NW. Burning mouth syndrome: Patient management. 363

SAVAGE NW, LANGE P, WALSH LJ. See Lange P, Savage NW, Walsh LJ.

SAVAGE NW, SUGERMAN PB. See Sugerman PB, Savage NW.

SAVAGE NW, WALSH LJ, COYNE RM, XU LJ. See Walsh LJ, Coyne RM, Xu LJ, Savage NW.

## SCORBUTUS

Ellender G, Gazelakis T. Growth and bone remodelling in a scorbutic rat model. 97

## SCREENING, ORAL

Sugerman PB, Savage NW. Exfoliative cytology in clinical oral pathology. 71

## SEALANTS

Walsh LJ. Split-mouth study of sealant retention with carbon dioxide laser versus acid etch conditioning. 124

## SEDATION, PATIENT-CONTROLLED

Rodrigo C, Chow K-C. Patient-controlled sedation: A comparison of prior to and until the end of minor oral surgery. 159

## SERVICES, ORTHODONTIC

Allister JH, Spencer AJ, Brennan DS. Provision of orthodontic care to adolescents in South Australia: The type, the provider, and the place of treatment. 405

SEYMOUR GJ, GEMMELL E, BARTOLD PM. See Gemmell E, Bartold PM, Seymour GJ.

SEYMOUR GJ, WALSH LJ, L'ESTRANGE PR. See Walsh LJ, L'Estrange PR, Seymour GJ.

SHAW RM, SKINNER SM, GAGE JP, WILCE PA. See Skinner SM, Gage JP, Wilce PA, Shaw RM.

## SHEAR PUNCH TEST

Mount GJ, Makinson OF, Peters MCRB. The strength of auto-cured and light-cured materials. The shear punch test. 118

SHEEDY JJ. Methadone and caries. Case reports. 367

SILVA M, REYNOLDS EC. Fluoride content of infant formulae in Australia. 37

## SINUS, FACIAL

Cheung LK, Samman N, Lee E. An unusual facial sinus. 6

Cheung LK, Samman N. An unusual facial sinus. Author's reply. (Letter to the Editor.) 211

Mayne JR. An unusual facial sinus. (Letter to the Editor.) 211

SKINNER SM, GAGE JP, WILCE PA, SHAW RM. A preliminary study of the effects of laser radiation on collagen metabolism in cell culture. 188

SLADE GD, COATES E, GOSS AN, GORKIC E. See Coates E, Slade GD, Goss AN, Gorkic E.

SLADE GD, SPENCER AJ, DAVIES MJ, BURROW D. Intra-oral distribution and impact of caries experience among South Australian school children. 343

## SLEEP APNOEA

Miles PG, Nimkarn Y, De Leeuw BJ. Dentist's role in obstructive sleep apnoea. Review and case report. 248

SMALES RJ, HAWTHORNE WS. See Hawthorne WS, Smales RJ.

SMARANAYAKE LP, ANIL S, NAIR RG, BEENA VT. See Anil S, Smaranayake LP, Nair RG, Beena VT.

SMITH AC, NASTRI AL. See Nastri AL, Smith AC.

SMITH G. Two dentigerous cysts in the mandible of one patient. Case report. 291

## SMOKING HABITS

Mercado-Ortiz G, Wilson D, Jiang D-J. Reverse smoking and palatal mucosal changes in Filipino women. Epidemiological features. 300

## SODIUM SUCCINATE

Whyte MP, Brockhurst PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

SPENCER AJ, ALLISTER JH, BRENNAN DS. See Allister JH, Spencer AJ, Brennan DS.

SPENCER AJ, SLADE GD, DAVIES MJ, BURROW D. See Slade GD, Spencer AJ, Davies MJ, Burrow D.

## SPORTS AND DENTISTRY

Chapman PJ. Mouthguard protection in sports. (Letter to the Editor.) 211

Chapman PJ, Nasser BP. Prevalence of orofacial injuries and use of mouthguards in high school Rugby Union. 252

Dorney B. Mouthguard protection in sports injury. (Letter to the Editor.) 63

## STERILIZATION, AUTOCLAVE

Whyte MP, Brockhurst PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

**STREPTOCOCCUS SANGUIS**  
Willcox MDP. Identification and classification of species within the *Streptococcus sanguis* group. 107

**STERILIZATION, STEAM**  
Whyte MP, Brockhurst PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

**STRESS**  
Joffe H. Dentistry on the couch. 206  
Phillipson R, Clark Ryan P. Dentistry on the couch. (Letter to the Editor.) 356

**SUGERMAN PB, SAVAGE NW**. Exfoliative cytology in clinical oral pathology. 71

**SUPERNUMERARY TEETH**  
Nastri AL, Smith AC. The nasal tooth. Case report. 176

**SUPPORT SYSTEMS**  
Phillipson R, Clark Ryan P. Dentistry on the couch. (Letter to the Editor.) 356

**SURGERY, ORAL**  
Dimitroulis G, Dolwick MF. Temporomandibular disorders. Part 3. Surgical treatment. 16  
Miles PG, Nimbark Y, De Leeuw BJ. Dentistry's role in obstructive sleep apnoea. Review and case report. 248  
Rodrigo C, Chow K-C. Patient-controlled sedation: A comparison of prior to and until the end of minor oral surgery. 159

**SURGICAL SPACES**  
Bridgeman A, Wiesenfeld D, Newland S. Anatomical considerations in the diagnosis and management of acute maxillofacial bacterial infections. 238

**SURVEYS**  
Coates AJ, Moore KR, Richards LC. Removable prostodontics: A survey of practices and attitudes among South Australian dentists. 151  
Slade GD, Spencer AJ, Davies MJ, Burrow D. Intra-oral distribution and impact of caries experience among South Australian schoolchildren. 343

**SYNDROMES**  
Kan KC, Aldred MJ, Bankier A, Lucas JO, Hall RK. Solitary maxillary central incisor, short stature and choanal atresia/mid-nasal stenosis syndrome — do you have such a patient? (Notice.) 413  
Savage NW. Burning mouth syndrome: Patient management. 363

**T**

**T CELL CLONES**  
Gemmell E, Bartold PM, Seymour GJ. Establishment of peripheral blood and gingival T lymphocyte clones responsive to *Porphyromonas gingivalis*. 113

**TEMPOROMANDIBULAR JOINT**  
Chu S. Interocclusal appliance therapy as assessed by three-dimensional reconstructions of MRI scans of temporomandibular joints. (Letter to the Editor.) 63

Dimitroulis G, Dolwick MF. Temporomandibular disorders. Part 3. Surgical treatment. 16

Dolwick MF, Dimitroulis G. A re-evaluation of the importance of disc position in temporomandibular disorders. 184

McNamara DC, Rosenberg I, Jackson PA, Hogben J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

THOMAS CJ, BRAND AA, CHIKTE UME. See Brand AA, Chikte UME, Thomas CJ.

TOWNSEND G, WETHERELL J, MULLINS G, WINNING T. See Wetherell J, Mullins G, Winning T, Townsend G.

**TRAUMA**  
Chapman PJ. Mouthguard protection in sports. (Letter to the Editor.) 211

Chapman PJ, Nasser BP. Prevalence of orofacial injuries and use of mouthguards in high school Rugby Union. 252  
Dorney B. Mouthguard protection in sports injury. (Letter to the Editor.) 63

McNamara DC, Rosenberg I, Jackson PA, Hogben J. Efficacy of arthroscopic surgery and midlaser treatments for chronic temporomandibular joint articular disc derangement following motor vehicle accident. 377

**TREATMENT FACTORS**  
Hawthorne WS, Smales RJ. Factors affecting the amount of long-term restorative dental treatment provided to 100 patients by 20 dentists in 3 Adelaide private practices. 256

**TREATMENT STRATEGIES**  
Olsen CB. Anterior crossbite correction in uncooperative or disabled children. Case reports. 304

TUISUVA J, VON DOUSSA R. Oral health and personnel needs in the Pacific. (Letter to the Editor.) 280

**TUMOUR MARKERS**  
Walsh LJ, Coyne RM, Xu LJ, Savage NW. The role of adhesion molecules in oral cancer. 80

**TUMOUR, ODONTOGENIC**  
Mogi K, Belal E, Kano A, Otake K. Benign cementoblastoma. Case report. 9

**TUMOUR SUPPRESSOR GENE**  
Cox SC, Walker DM. Epithelial growth fraction and expression of p53 tumour suppressor gene in oral submucous fibrosis. 91

TYAS MJ. Clinical performance of two dentine adhesives: 2-year results. 324

TYAS MJ, DESAI M. See Desai M, Tyas MJ.

**U**

**UNDERGRADUATE EDUCATION**  
Wetherell J, Mullins G, Winning T, Townsend G. First-year responses to a new problem-based curriculum in dentistry. 351

**UNERUPTED TEETH**  
Jacobs SG. The impacted maxillary canine. Further observations on aetiology, radiographic localization, prevention/intervention of impaction, and when to suspect impaction. 310

UEMATSU T, YAMAOKA M, FURUSAWA K, FUJIMOTO K. See Yamaoka M, Furusawa K, Fujimoto K, Uematsu T.

**UNIVERSITIES, ACADEMIES, COLLEGES, INSTITUTES**  
Ludwig Institute for Cancer Research. 144  
Pierre Fauchard Academy Australasian Section. 285  
Royal Australasian College of Dental Surgeons. 144  
University of Melbourne. 70, 422  
University of Queensland. 422  
University of Sydney. 290

**V**

**VENTING**  
Wilson PR. Cementation of vented crowns with low deformation. 28

VINCENT PF, BOULTON JL, GAGE JP, BASFORD KE. See Boulton JL, Gage JP, Vincent PF, Basford KE.

VON DOUSSA R, TUISUVA J. See Tuisuva J, von Doussa R.

**W**

WALKER DM, COX SC. See Cox SC, Walker DM.

WALSH LJ. Split-mouth study of sealant retention with carbon dioxide laser versus acid etch conditioning. 124

WALSH LJ, COYNE RM, XU LJ, SAVAGE NW. The role of adhesion molecules in oral cancer. 80

WALSH LJ, LANGE P, SAVAGE NW. See Lange P, Savage NW, Walsh LJ.

WALSH LJ, L'ESTRANGE PR, SEYMOUR GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

WEISMAN MI. Endodontic cellulitis 'flare-up'. Case report. (Letter to the Editor.) 212

WETHERELL J, MULLINS G, WINNING T, TOWNSEND G. First-year responses to a new problem-based curriculum in dentistry. 351

WHYTE MP, BROCKHURST PJ. The effect of steam sterilization on the properties of set dental gypsum models. 128

WIESENFIELD D, BRIDGEMAN A, NEWLAND S. See Bridgeman A, Wiesenfeld D, Newland S.

WILCE PA, SKINNER SM, GAGE JP, SHAW RM. See Skinner SM, Gage JP, Wilce PA, Shaw RM.

WILLCOX MDP. Identification and classification of species within the *Streptococcus sanguis* group. 107

WILSON PR. Cementation of vented crowns with low deformation. 28

WINNING T, WETHERELL J, MULLINS G, TOWNSEND G. See Wetherell J, Mullins G, Winning T, Townsend G.

WILSON D, MERCADO-ORTIZ G, JIANG D-J. See Mercado-Ortiz G, Wilson D, Jiang D-J.

WOODS MG. The use of a simple functional appliance as an adjunct to fixed appliance orthodontic treatment. Case reports. 221

**WOUND HEALING**  
Walsh LJ, L'Estrange PR, Seymour GJ. High magnification *in situ* viewing of wound healing in oral mucosa. 75

**X**

XU LJ, WALSH LJ, COYNE RM, SAVAGE NW. See Walsh LJ, Coyne RM, Xu LJ, Savage NW.

**Y**

YAMALIK N, YAVUZYILMAZ E, YUMAK Ö, AKDOĞANLI T, ERSOY F, ÖZER N, YENİAY İ. See Yavuzyilmaz E, Yumak Ö, Akdoganli T, Yamalik N, Özer N, Ersoy F, Yeniyay İ.

YAMAOKA M, FURUSAWA K, FUJIMOTO K, UEMATSU T. Completely impacted teeth in dentate and edentulous jaws. 169

YAVUZYILMAZ E, YUMAK Ö, AKDOĞANLI T, YAMALIK N, ÖZER N, ERSOY F, YENİAY İ. The alterations of whole saliva constituents in patients with diabetes mellitus. 193

YENİAY İ, YAVUZYILMAZ E, YUMAK Ö, AKDOĞANLI T, YAMALIK N, ÖZER N, ERSOY F. See Yavuzyilmaz E, Yumak Ö, Akdoganli T, Yamalik N, Özer N, Ersoy F, Yeniyay İ.

YUMAK Ö, YAVUZYILMAZ E, AKDOĞANLI T, YAMALIK N, ÖZER N, ERSOY F, YENİAY İ. See Yavuzyilmaz E, Yumak Ö, Akdoganli T, Yamalik N, Özer N, Ersoy F, Yeniyay İ.

**Z**

**ZINC PHOSPHATE**  
Wilson PR. Cementation of vented crowns with low deformation. 28

